

## EAST Search History

| Ref # | Hits | Search Query                                                                                                                                                                                                                                                                                                                                                                                | DBs                                                      | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------|---------|------------------|
| L4    | 110  | ("600"/\$.ccls. "607"/\$.ccls.) and (((determination determin\$3 detect\$4 detection) adj5 (sleep\$3 asleep)) with ((blood adj pressure) oxygen "SaO.sub.2" (galvanic adj skin adj response) gsr emg (muscular adj activity)))                                                                                                                                                              | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/10/04 12:02 |
| L5    | 1    | "20050085738" and efficiency                                                                                                                                                                                                                                                                                                                                                                | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/10/04 12:02 |
| S1    | 55   | ("600"/\$.ccls. "607"/\$.ccls.) and ((sleep adj quality) same therapy)                                                                                                                                                                                                                                                                                                                      | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/06/24 13:17 |
| S2    | 35   | ("20030153953" "20030153955" "20030153956" "20030163059" "20030171791" "20040015103" "4550736" "4771780" "4776345" "5040536" "5058584" "5154180" "5233984" "5342409" "5476483" "5593431" "5622428" "5941906" "5944680" "6044297" "6045513" "6102874" "6120467" "6157857" "6165143" "6259948" "6280409" "6351672" "6440090" "6449508" "6468234" "6605038" "6611783" "6659968" "6731984").PN. | US-PGPUB; USPAT; USOCR                                   | OR               | ON      | 2007/06/24 12:05 |
| S3    | 4    | ("20040002742" "5335657" "6539249" "6574507").PN.                                                                                                                                                                                                                                                                                                                                           | US-PGPUB; USPAT; USOCR                                   | OR               | ON      | 2007/06/24 12:08 |
| S4    | 9    | ("20010037067" "20020091308" "20040002741" "20040049132" "5732696" "5782884" "6308098" "6466821" "6687538").PN.                                                                                                                                                                                                                                                                             | US-PGPUB; USPAT; USOCR                                   | OR               | ON      | 2007/06/24 12:11 |
| S5    | 1    | "20020193697".pn.                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB; USPAT; USOCR                                   | OR               | ON      | 2007/06/24 12:11 |
| S6    | 1    | "20020193839".pn.                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB; USPAT; USOCR                                   | OR               | ON      | 2007/06/24 12:15 |

## EAST Search History

|     |    |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                            |    |     |                  |
|-----|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|-----|------------------|
| S7  | 8  | ("20020169485" "20030149457" "20040102814" "20040111041" "4846195" "6128534" "6928324" "6964641").PN.                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON  | 2007/06/24 12:17 |
| S8  | 31 | ("20020077562" "20020091308" "20020161412" "20020169485" "20020193697" "20020193839" "20030004423" "20030139692" "20030149457" "20030153953" "20030163059" "20030212445" "20040002742" "20040015103" "20040049132" "20050042589" "20050113710" "5125412" "5335657" "5337758" "5593431" "5732696" "5919149" "6045513" "6059576" "6095991" "6120467" "6165143" "6459934" "6539249" "6659968").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON  | 2007/06/24 12:39 |
| S9  | 10 | ("20050177192" "4297685" "5645053" "5895371" "6296606" "6514218" "6752766" "6773404" "6878121" "6884596").PN.                                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | OFF | 2007/06/24 12:46 |
| S10 | 3  | ("20040111040" "5514162" "6890306").PN.                                                                                                                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | OFF | 2007/06/24 12:46 |
| S11 | 9  | 10/826925                                                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/24 15:30 |
| S12 | 1  | ("2005/0209513").URPN.                                                                                                                                                                                                                                                                                                                                                                          | USPAT                                                                      | OR | OFF | 2007/06/24 13:21 |
| S13 | 28 | ("600"/\$.ccls. "607"/\$.ccls.) and Heruth.in.                                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/24 13:47 |
| S14 | 47 | ("600"/\$.ccls. "607"/\$.ccls.) and Miesel.in.                                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/24 13:21 |

## EAST Search History

|     |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                            |    |     |                  |
|-----|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|-----|------------------|
| S15 | 22 | 10/642998                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/24 13:24 |
| S16 | 0  | (10/642998).APP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | USPAT;<br>USOCR                                                            | OR | OFF | 2007/06/24 13:24 |
| S17 | 1  | ("2005/0042589").URPN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | USPAT                                                                      | OR | OFF | 2007/06/24 13:30 |
| S18 | 50 | ("20050209511" "20050209513"<br>"20050209643" "20050215847"<br>"20050215947" "20050216064"<br>"20050234518" "20050209512"<br>"20050222522" "6395788"<br>"5891176" "6731984"<br>"20020193839" "20050042589"<br>"6317627" "6274604" "6329401"<br>"20050113710" "5630710"<br>"6021352" "6773404" "6895275"<br>"6964641" "20030139780"<br>"20030163059" "20050119711"<br>"20050148897" "5607459"<br>"6254527" "6312393" "6342581"<br>"6369079" "6410709" "6420526"<br>"6475753" "5517983" "5715812"<br>"6473639" "4970498" "5329234"<br>"5500595" "6032072" "6192537"<br>"6352712" "6370423" "5269302"<br>"6317700" "5278190" "5617846"<br>"6697658" ).pn. | US-PGPUB;<br>USPAT                                                         | OR | OFF | 2007/06/24 13:31 |
| S19 | 6  | ("600"/\$.ccls. "607"/\$.ccls.) and<br>(sleep adj quality).clm. and (current<br>adj therapy adj parameter adj set).<br>clm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON  | 2007/06/24 13:39 |
| S20 | 0  | (10/825953).APP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | USPAT;<br>USOCR                                                            | OR | OFF | 2007/06/24 13:40 |
| S21 | 1  | ("2005/0209643").URPN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | USPAT                                                                      | OR | OFF | 2007/06/24 13:40 |
| S22 | 31 | S14 not S13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/24 13:47 |

## EAST Search History

|     |    |                                                                                                                                                     |                                                          |    |     |                  |
|-----|----|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----|-----|------------------|
| S23 | 11 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls.) and ((sleep adj quality) same (therapy with parameter with set))                                     | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/24 15:40 |
| S24 | 2  | "6351672".pn.                                                                                                                                       | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/24 15:56 |
| S25 | 14 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls.) and (((sleep adj quality) (sleep adj latency) (sleep adj efficiency)) same therapy) not S1           | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/24 16:37 |
| S26 | 22 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls.) and (((sleep adj quality) (sleep adj latency) (sleep adj efficiency)) same (therapy with parameter)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/24 17:33 |
| S27 | 18 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls.) and (associat\$4 with therapy with ((sleep adj (quality latency) arousal AHI)))                      | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/24 17:35 |
| S28 | 0  | ("2007/0129769").URPN.                                                                                                                              | USPAT                                                    | OR | OFF | 2007/06/24 17:37 |
| S29 | 2  | ("600"/\$.ccls. "128"/\$.ccls. "607"/\$.ccls.) and ((record\$4 profile report) with (effectiveness efficacy) with therapy with (sleep AHI))         | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/24 17:38 |
| S30 | 62 | ("600"/\$.ccls. "128"/\$.ccls. "607"/\$.ccls.) and ((record\$4 profile report) with therapy with (sleep AHI arousal))                               | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/24 17:45 |

## EAST Search History

|     |    |                                                                                                                                                           |                                                          |    |     |                  |
|-----|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----|-----|------------------|
| S31 | 0  | ("600"/\$.ccls. "128"/\$.ccls. "607"/\$.ccls.) and ((therapy adj2 (parameter information)) with (related relevant relationship) with (arousal sleep AHI)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/24 18:10 |
| S32 | 1  | "20050039745".pn. and efficiency                                                                                                                          | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/24 18:15 |
| S33 | 83 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls.) and (sleep adj (latency efficiency))                                                                       | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/24 18:59 |
| S34 | 1  | "20050085738".pn. and "427"                                                                                                                               | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/24 19:02 |
| S35 | 3  | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls.) and implantable.clm. and (sleep adj quality).clm. and (external with (programmer programming)).clm.        | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/24 19:02 |
| S36 | 0  | ("2005/0085738").URPN.                                                                                                                                    | USPAT                                                    | OR | OFF | 2007/06/24 19:22 |
| S37 | 10 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls.) and (implant\$6 same (metric with sleep)) and (programmer with display)                                    | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/24 19:26 |
| S38 | 14 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls.) and ((therapy with parameter) same (sleep with ((quality metric efficiency latency) AHI)))                 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/24 19:27 |

## EAST Search History

|     |    |                                                                                                                                                       |                                                          |    |     |                  |
|-----|----|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----|-----|------------------|
| S39 | 20 | ("600"/\$.ccls. "607"/\$.ccls. "604"/\$.ccls. "128"/\$.ccls.) and ((sleep adj efficiency) with (asleep sleeping))                                     | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/25 01:15 |
| S40 | 1  | "20050039745".pn. and (sleep adj efficiency)                                                                                                          | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/25 01:27 |
| S41 | 0  | "20050039745".pn. and (time adj2 bed)                                                                                                                 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/25 01:16 |
| S42 | 12 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls. "604"/\$.ccls.) and ((sleep adj latency) with time with (attempt\$3 try\$3 bed) with (asleep sleeping)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/25 01:30 |
| S43 | 61 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls. "604"/\$.ccls.) and ((sleep adj latency))                                                               | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/25 01:36 |
| S44 | 25 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls. "604"/\$.ccls.) and ((sleep adj quality) same (time with (asleep sleeping)))                            | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/25 01:33 |
| S45 | 14 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls. "604"/\$.ccls.) and ((sleep adj latency) same quality)                                                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/25 02:06 |

## EAST Search History

|     |    |                                                                                                                                                                                    |                                                          |    |    |                  |
|-----|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----|----|------------------|
| S46 | 35 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls. "604"/\$.ccls.) and ((AHI "A/H") same ((determin\$4 identif\$4 identification) with (sleep sleeping asleep)))                        | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 02:17 |
| S48 | 15 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls. "604"/\$.ccls.) and ((determin\$4 identif\$4 identification) with ((sleep sleeping asleep) adj state)) and "S3" and "S4" and quality | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 02:19 |
| S50 | 0  | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls. "604"/\$.ccls.) and ((sleep with quality) same "S1-S4")                                                                              | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 02:20 |
| S51 | 0  | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls. "604"/\$.ccls.) and ((sleep adj quality) with "S1-S4")                                                                               | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 02:20 |
| S52 | 31 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls. "604"/\$.ccls.) and ((sleep adj quality) with state)                                                                                 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 02:23 |
| S53 | 15 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls. "604"/\$.ccls.) and ((sleep adj quality) same (time with (sleep adj state)))                                                         | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 02:25 |
| S54 | 11 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls. "604"/\$.ccls.) and ((sleep adj quality) same (time with ("S3" "S4")))                                                               | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 02:24 |

## EAST Search History

|     |    |                                                                                                                                                                                                              |                                                          |    |    |                  |
|-----|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----|----|------------------|
| S57 | 15 | ("600"/\$.ccls. "604"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls.) and (((determin\$3 determination calculation calculat\$3 identification identif\$4) with (time period) with ((sleep adj state))) same quality) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 02:28 |
| S58 | 3  | ("600"/\$.ccls. "604"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls.) and ((duration with (sleep adj state)) same quality)                                                                                           | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 02:34 |
| S59 | 9  | "600"/\$.ccls. and ((sleep adj state) same REM same "S3" same "S4")                                                                                                                                          | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 02:35 |
| S61 | 31 | ( "607"/\$.ccls. "604"/\$.ccls. "128"/\$.ccls. "600"/\$.ccls.) and ((sleep adj quality) with state)                                                                                                          | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 02:36 |
| S62 | 12 | ( "607"/\$.ccls. "604"/\$.ccls. "128"/\$.ccls. "600"/\$.ccls.) and ((sleep adj quality) same ("S3" "S4"))                                                                                                    | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 03:18 |
| S63 | 13 | ( "607"/\$.ccls. "604"/\$.ccls. "128"/\$.ccls. "600"/\$.ccls.) and ((sleep adj state) with ("S3" "S4"))                                                                                                      | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 03:20 |
| S64 | 0  | ( "607"/\$.ccls. "604"/\$.ccls. "128"/\$.ccls. "600"/\$.ccls.) and ((sleep adj state) same "S1-S4")                                                                                                          | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 03:20 |

## EAST Search History

|     |    |                                                                                                                                                        |                                                          |    |    |                  |
|-----|----|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----|----|------------------|
| S65 | 37 | "600"/\$.ccls. and (display\$4 with (list listing) with (diagram histogram pie))                                                                       | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 08:25 |
| S66 | 5  | 10/826925 and representative                                                                                                                           | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 08:27 |
| S67 | 11 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls. "604"/\$.ccls.) and ((sleep with quality) same metric same representative)                               | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 08:30 |
| S68 | 10 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls. "604"/\$.ccls.) and ((sleep with quality) same metric same (average mean median))                        | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 08:30 |
| S69 | 25 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls. "604"/\$.ccls.) and ((sleep with quality) with (average mean median))                                    | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 08:31 |
| S70 | 9  | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls. "604"/\$.ccls.) and ((sleep with quality) same therapy same (average mean median))                       | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 08:35 |
| S71 | 36 | ("600"/\$.ccls. "607"/\$.ccls. "128"/\$.ccls. "604"/\$.ccls.) and ((sleep with quality) same therapy and (neurostimulator pump (delivery adj device))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 08:41 |

## EAST Search History

|     |   |                                               |                                                          |    |     |                  |
|-----|---|-----------------------------------------------|----------------------------------------------------------|----|-----|------------------|
| S72 | 5 | 10/826925 and (trial adj neurostimulator)     | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/25 09:02 |
| S73 | 1 | 10/826925 and (trial adj pump)                | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/25 08:45 |
| S74 | 0 | "20050085738".pn. and (neurostimulator pump)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/25 09:02 |
| S75 | 2 | "20050085738".pn.                             | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/25 09:02 |
| S76 | 1 | "20050039745".pn. and efficiency              | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/02 14:51 |
| S77 | 1 | "20050085738".pn. and efficien\$              | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/02 16:19 |
| S78 | 7 | ("6336903" "6312378" "6270457" "6398728").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/02 16:33 |

## EAST Search History

|     |    |                                                                                                                                                                                                                                                                                       |                                                          |    |    |                  |
|-----|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----|----|------------------|
| S82 | 54 | "600"/\$.ccls. and (sleep same (accelerometer posture recumbent)) and (accelerometer same (posture position) same (recumbent lying supine prone))                                                                                                                                     | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/02 16:54 |
| S83 | 22 | ("20020177882" "20050021103" "20050021104" "20050119703" "20050215847" "20050222626" "20050240086" "20050240242" "20050245790" "20060224191" "20060293720" "20070073355" "20070142862" "5275159" "5469861" "5904708" "6366813" "6416471" "6819956" "6881192" "7162304" "7209787").PN. | US-PGPUB; USPAT; USOCR                                   | OR | ON | 2007/10/02 16:55 |
| S84 | 25 | ("600"/\$.ccls. "607"/\$.ccls.) and (((attempt\$4 try\$3) with sleep ) same (posture position))                                                                                                                                                                                       | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/02 17:07 |
| S85 | 2  | "20050042589".pn.                                                                                                                                                                                                                                                                     | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/02 16:59 |
| S86 | 94 | ("600"/\$.ccls. "607"/\$.ccls.) and ((sleep with (posture position)) same (recumbent prone supine lying))                                                                                                                                                                             | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/02 17:11 |
| S87 | 47 | ("600"/\$.ccls. "607"/\$.ccls.) and (melatonin with (asleep sleep))                                                                                                                                                                                                                   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/03 11:28 |
| S90 | 16 | ("600"/\$.ccls. "607"/\$.ccls.) and (((attempt\$4 try\$3) with sleep\$3) same recumbent)                                                                                                                                                                                              | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/03 11:54 |

## EAST Search History

|     |    |                                                                                                                                      |                                                          |    |    |                  |
|-----|----|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----|----|------------------|
| S91 | 16 | ("600"/\$.ccls. "607"/\$.ccls.) and (((identif\$3 identification determination determin\$4 detect\$4) with sleep\$3) same recumbent) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/03 11:55 |
| S92 | 26 | ("600"/\$.ccls. "607"/\$.ccls.) and (((identif\$3 identification determination determin\$4 detect\$4) with sleep\$3) same prone)     | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/03 12:00 |
| S93 | 37 | ("600"/\$.ccls. "607"/\$.ccls.) and ((sleep\$3 asleep) with (recumbent prone supine lying) with bed)                                 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/03 12:10 |
| S94 | 0  | ("600"/\$.ccls. "607"/\$.ccls.) and (mutliaxis with accelerometer) and (orthogonal\$4 with accelerometer)                            | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/03 12:10 |
| S95 | 35 | ("600"/\$.ccls. "607"/\$.ccls.) and ((orthogonal\$4 with accelerometer) same DC)                                                     | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/03 12:17 |
| S96 | 41 | ("600"/\$.ccls. "607"/\$.ccls.) and (((attempt\$3 try\$3) with sleep\$4) same activity)                                              | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/04 11:44 |
| S97 | 2  | "20050143617".pn.                                                                                                                    | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/03 17:23 |